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Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the Transport of Dangerous Goods

Forty-fifth session
Geneva, 23 June – 2 July 2014
Item 6 (b) of the provisional agenda
Transport of gases: miscellaneous

Salvage pressure receptacles

Transmitted by the expert from Germany[1]

Introduction

1. The Sub-Committee decided at its thirty-seventh session in June 2010 (ST/SG/AC.10/C.3/74) to incorporate provisions on the use and approval of salvage pressure receptacles.

2. The provisions were discussed intensively on the basis of documents ST/SG/AC.10/C.3/2009/16/Rev.1 (Germany), informal documents INF.21 (United Kingdom) and INF.42 (CGA) of the thirty-sixth session and ST/SG/AC.10/C.3/2010/9 (Germany and United Kingdom) in a working group which met in parallel to the Sub-Committee. The report of the working group was presented as informal document INF.81. Due to the comments from industry the working group agreed to limit the water capacity of salvage pressure receptacles to 1 000 litres. This was a compromise to address some general concerns with regard to the inclusion of provisions on salvage pressure receptacles.

3. Therefore the original intention in document ST/SG/AC.10/C.3/2009/16/Rev.1 (Germany) of placing pressure drums and tubes up to 1000 Litres into salvage pressure receptacles was not met. In the meantime it became clear, that there is still a demand for larger salvage pressure receptacles.

[1] In accordance with the programme of work of the Sub-Committee for 2013-2014 approved by the Committee at its sixth session (refer to ST/SG/AC.10/C.3/84, para. 86 and ST/SG/AC.10/40, para. 14).

4. The provisions exist for some time and positive experience with salvage pressure receptacles has been gained. The capacity limit should be re-considered and it is proposed to enlarge the size of salvage pressure receptacles at least to a size that enables to transport pressure receptacles of 1000 Litres volume.

Proposal

5. Change the reference to salvage pressure receptacles in the definition of pressure receptacles in 1.2.1 as follows:

> "*Salvage pressure receptacle* means a pressure receptacle with a water capacity not exceeding 43 000 litres into which are placed damaged, defective, leaking or non-conforming pressure receptacle(s) for the purpose of transport e.g. for recovery or disposal;".

6. Chance in 4.1.1.18 Use of salvage pressure receptacles as follows

> 4.1.1.18.2 Pressure receptacles shall be placed in salvage pressure receptacles of suitable size. The maximum size of the placed pressure receptacle is limited to a volume of 1000 litres as marked on the placed pressure receptacle. More than one pressure receptacle may be placed in the same salvage pressure receptacle, only if the contents are known and do not react dangerously with each other (see 4.1.1.6). In this case the total sum of volumes as given by the markings on the placed pressure receptacles shall not exceed 1000 litres. Measures shall be taken to prevent movement of the pressure receptacles within the salvage pressure receptacle e.g. by partitioning, securing and cushioning.

7. Paragraph 6.2.3.5: No change is necessary

8. Since current salvage pressure receptacles are not impacted, no transition period needed.

Justification

9. By enlarging the volume of salvage pressure receptacles it is ensured that pressure receptacles up to a total amount of volume of 1000 Litres can be stored and transported safely.